

刺枝野丁香和穗花野丁香(茜草科)名称之合格发表

¹文香英 ²林 祁*

¹(中国科学院华南植物园 广州 510650)

²(系统与进化植物学国家重点实验室, 中国科学院植物研究所 北京 100093)

Validation of names of *Leptodermis pilosa* var. *acanthoclada* and *L. pilosa* var. *spicatiformis* (Rubiaceae)

¹ WEN Xiang-Ying ² LIN Qi*

¹(South China Botanical Garden, the Chinese Academy of Sciences, Guangzhou 510650, China)

²(State Key Laboratory of Systematic and Evolutionary Botany, Institute of Botany, the Chinese Academy of Sciences, Beijing 100093, China)

Abstract The names of *Leptodermis pilosa* Diels var. *acanthoclada* Lo and *L. pilosa* Diels var. *spicatiformis* Lo are invalid because no type specimens were indicated in the protologue when they were published. Two names are here validated at the rank of variety, with the specimens designated as types. A key to varieties in *Leptodermis pilosa* Diels and a distribution map of two new varieties and their relatives are provided.

Key words Rubiaceae, *Leptodermis*, *Leptodermis pilosa* var. *acanthoclada*, *Leptodermis pilosa* var. *spicatiformis*, validation.

摘要 刺枝野丁香*Leptodermis pilosa* Diels var. *acanthoclada* Lo 和 穗花野丁香*L. pilosa* Diels var. *spicatiformis* Lo 发表时没指明模式, 是不合格发表的名称。现通过指定模式, 将它们的名称作合格发表。还对此2新变种及其近缘类群提供了分类检索表和地理分布图。

关键词 茜草科; 野丁香属; 刺枝野丁香; 穗花野丁香; 合格发表

罗献瑞(1999)在编研《中国植物志》茜草科Rubiaceae野丁香属*Leptodermis* Wall.时, 通过研究相关标本, 在川滇野丁香*Leptodermis pilosa* Diels下发表了2个新变种: 刺枝野丁香*L. pilosa* Diels var. *acanthoclada* Lo和穗花野丁香*L. pilosa* Diels var. *spicatiformis* Lo, 但没有指明模式。根据《国际植物命名法规》(McNeill et al., 2006)规则37.1, 这2个新变种是不合格发表的名称。我们查阅保存于中国科学院华南植物园植物标本馆(IBSC)的有关标本, 找出罗献瑞曾经研究过的原始材料, 认为这2个变种的建立是合理的, 但需要合法化, 故通过指定它们的模式标本而使其名称成为合格发表的名称。

1. 刺枝野丁香 新变种 图1

Leptodermis pilosa* Diels var. *acanthoclada Lo ex X. Y. Wen & Q. Lin, var. nov. Fig. 1

Leptodermis pilosa Diels var. *acanthoclada* Lo in Fl. Reip. Pop. Sin. 71 (2): 152, 338. 1999. nom. invalid.

A typo plantis humilibus, ramosissimis, ramis spiniformibus differt.

China. Sichuan (四川): Xiangcheng (乡城), alt. 2600 m, 1973-07-19, *Sichuan Veg.*

Exped. (四川植被调查队) 2967 (holotype, IBSC!); *Xiaojin* (小金), alt. 2150 m, 1975-08-16, *Anonymous* 9652 (=IBSC Herb. No. 434316) (paratype, IBSC!).

产四川及西藏(图3), 生灌丛中。

2. 穗花野丁香 新变种 图2

Leptodermis pilosa Diels var. *spicatiformis* Lo ex X. Y. Wen & Q. Lin, var. nov. Fig. 2

Leptodermis pilosa Diels var. *spicatiformis* Lo in Fl. Reip. Pop. Sin. 71 (2): 152, 338. 1999. nom. invalid.

A typo foliis major, 1.7 cm longis; cymis spicatis compositis differt.

China. Shaanxi (陕西): Lueyang (略阳), Baishuijiang Station (白水江车站), alt. 720 m, 1978-08-14, Z. Y. Zhang (张志英) 17957 (holotype, IBSC!). **Gansu** (甘肃): Hui Xian (徽县), alt. 920 m, 1958-09-09, Z. Y. Zhang (张志英) 680 (paratype, IBSC!).

产陕西及甘肃(图3), 生山坡或路边灌丛中。



图1 刺枝野丁香主模式标本照片(四川植被调查队2967, IBSC)

Fig. 1. Photograph of the holotype of *Leptodermis pilosa* Diels var. *acanthoclada* Lo ex X. Y. Wen & Q. Lin (*Sichuan Veg. Exped.* 2967, IBSC).

为便于识别与鉴定, 特编一检索表, 将其与近缘类群川滇野丁香和光叶野丁香(Diels, 1912; Winkler, 1922)相区分。

分变种检索表

1. 叶被疏柔毛或几无毛……………b. 光叶野丁香 *L. pilosa* var. *glabrescens*
1. 叶密被柔毛。
 2. 植株极多分枝, 枝呈刺状……………c. 刺枝野丁香 *L. pilosa* var. *acanthoclada*
 2. 植株少分枝, 枝不呈刺状。



图2 穗花野丁香主模式标本照片(张志英17957, IBSC)

Fig. 2. Photograph of the holotype of *Leptodermis pilosa* Diels var. *spicatiformis* Lo ex X. Y. Wen & Q. Lin (Z. Y. Zhang 17957, IBSC).

3. 聚伞花序常有花5—7朵, 呈穗状花序状………d. 穗花野丁香*L. pilosa* var. *spicatiformis*
3. 聚伞花序有花3朵, 不呈穗状………a. 川滇野丁香*L. pilosa* var. *pilosa*

A key to varieties in *Leptodermis pilosa* Diels

1. Leaf blades pilose or glabrescent………b. *L. pilosa* var. *glabrescens*
1. Leaf blades dense pubescent.

 2. Plants very much branched, branches spine-like………c. *L. pilosa* var. *acanthoclada*
 2. Plants few branched, branches not spine-like.

 3. Cymes often with 5—7 flowers, spicate………d. *L. pilosa* var. *spicatiformis*
 3. Cymes with 3 flowers, not spicate ……a. *L. pilosa* var. *pilosa*

川滇野丁香*Leptodermis pilosa* Diels有3变种均为我国特有, 产陕西、甘肃、四川、云南及西藏, 生于海拔600—3800 m的向阳山坡或路边灌丛。川滇野丁香*L. pilosa* var. *pilosa* 产陕西、四川及云南(图3); 光叶野丁香*L. pilosa* var. *glabrescens* H. Winkl. 产四川南部、云南西北部及东北部(图3)。

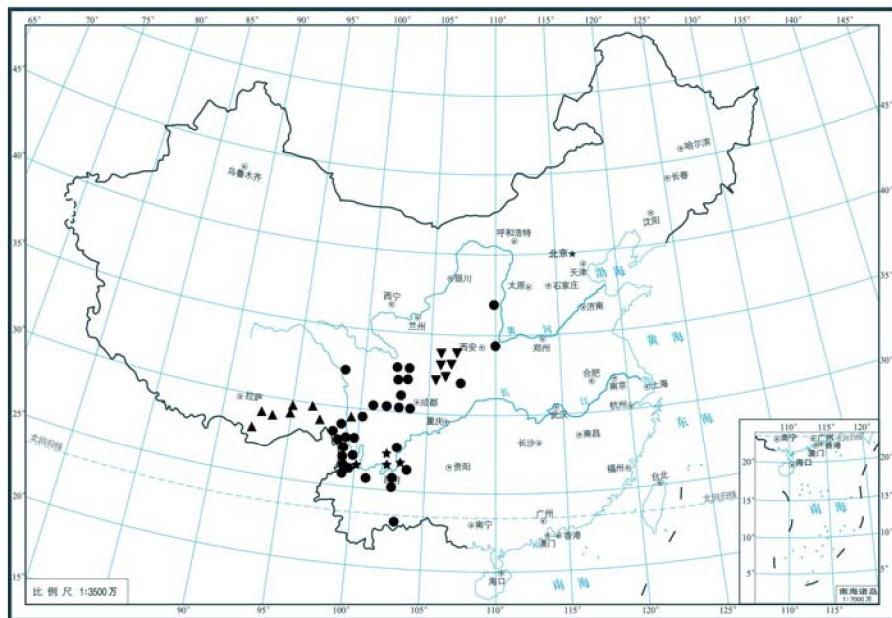


图3 川滇野丁香(●)、光叶野丁香(★)、刺枝野丁香(▼)和穗花野丁香(▲)地理分布图(地理底图2007年1月18日于国家测绘局网站www.sbsm.gov.cn下载)

Fig. 3. Distribution map of *Leptodermis pilosa* var. *pilosa* (●), *L. pilosa* var. *glabrescens* (★), *L. pilosa* var. *acanthoclada* (▼) and *L. pilosa* var. *spicatiformis* (▲). The base map was downloaded from the website of State Bureau of Surveying and Mapping of China at www.sbsm.gov.cn on January 18, 2007.

参 考 文 献

- Diels L. 1912. Plantae Chinenses Forrestianae. Notes from the Royal Botanic Garden, Edinburgh 5: 161—304.
Lo H-S (罗献瑞). 1999. *Leptodermis* Wall. In: Flora Reipublicae Popularis Sinicae (中国植物志). Beijing: Science Press. 71 (2): 120—153, 337—338.
McNeill J, Barrie F R, Burdet H M, Demoulin V, Hawksworth D L, Marhold K, Nicolson D H, Prado J, Silva P C, Skog J E, Wiersema J H, Turland N J eds. 2006. International Code of Botanical Nomenclature (Vienna Code). Ruggell: A. R. G. Gantner Verlag.
Winkler H. 1922. Monographische Übersicht der Gattung *Leptodermis*. Repertorium Specierum Novarum Regni Vegetabilis 18: 145—166.